

EIGHTH YEAR.

ANNUAL ANNOUNCEMENT

OF THE

DENTAL SCHOOL

(BOSTON)

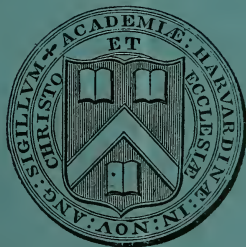
OF

HARVARD UNIVERSITY.

FOR THE YEAR

1875-76.

[Reprinted from the Catalogue of the University for 1874-75.]



CAMBRIDGE:

PUBLISHED BY CHARLES W. SEVER,

University Bookstore.

1875.



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DENTAL SCHOOL,

BOSTON.



FACULTY

CHARLES W. ELIOT, LL.D., *President.*

THOMAS H. CHANDLER, D.M.D., *Dean, and Professor of Mechanical Dentistry.*

OLIVER W. HOLMES, M.D., *Professor of Anatomy.*

HENRY J. BIGELOW, M.D., *Professor of Surgery.*

———, *Professor of Dental Pathology and Therapeutics*

GEORGE T. MOFFATT, M.D., D.M.D., *Professor of Operative Dentistry.*

HENRY P. BOWDITCH, M.D., *Assistant Professor of Physiology.*

CHARLES B. PORTER, M.D., *Demonstrator of Practical Anatomy.*

LUTHER D. SHEPARD, D.D.S., *Adjunct Professor of Operative Dentistry.*

NATHANIEL W. HAWES, *Assistant Professor of Operative Dentistry.*

EDWARD S. WOOD, M.D., *Assistant Professor of Chemistry.*

CHARLES A. BRACKETT, D.M.D., *Instructor in Dental Therapeutics.*

WILLIAM HERBERT ROLLINS, D.M.D., *Instructor in Dental Pathology.*

OTHER INSTRUCTORS.

EDWARD A. BOGUE, M.D., *Lecturer on Dental Pathology and Therapeutics.*

IRA A. SALMON, D.D.S., *Lecturer on Operative Dentistry.*

CHARLES WILSON, D.M.D., *Demonstrator in Charge.*

GEORGE F. GRANT, D.M.D., *Demonstrator of Mechanical Dentistry.*

STUDENTS.

NAMES.

Bartlett, Frank Dana,

Beals, Edward Alden,

Bliss, Frank Wilbur,

Bradley, Charles William,

Bradley, Thomas,

RESIDENCE.

Boston.

Stamford, Conn.

Aurora, Ill.

Haverhill.

Holyoke.

Brann, Oscar Berlin,
 Buxton, Charles Albert,
 Coolidge, Charles Wesley,
 Curtis, Samuel Hastings,
 Deming, Daniel Webster,
 Dunkel, Henry Francis,
 Eddy, Forrest Greenwood,
 Emery, Samuel Eliphalet,
 Fiske, John M'Kenzie Campbell,
 Fitzgerald, Gerald,
 Gale, Willis Henry,
 Harris, John Lincoln,
 Hewson, William Chandler,
 Hitchcock, Edward Bigelow,
 Jarvis, William,
 Jewett, Edgar Morton,
 Lawrence, George Otis,
 McKay, John Albert,
 McKyes, Henry Stuart,
 Morong, Joseph Traverse,
 Munger, Elijah,
 Page, Washburn Edward,
 Parker, Wilbur Bates,
 Pugsley, Daniel Alvah,
 Robbins, Jesse,
 Salmon, George Allen,
 Stackhouse, Benjamin Stevens,
 Strawn, David Gates,
 Taft, Ezra Fletcher,
 Walton, Alfred,
 Ware, Albert Edson,
 White, Charles Henry,
 Whitman, Eben Francis,

Auburn, Me.
Salem.
Hancock, N. H.
Boston.
Clifton Springs, N. Y.
Boston.
Providence, R. I.
Newburyport.
St. John, N. B.
San Francisco, Cal.
Chicago, Ill.
Worcester.
Westmoreland, N. B.
Newton.
Claremont, N. H.
Manchester.
Boston.
Boston.
Montreal, Canada.
Ipswich.
North Adams.
Boston.
Boston.
St. John, N. B.
Salem.
Boston.
Montreal, Canada.
Boston.
Dedham.
Boston.
Natick.
Bristol, N. H.
East Bridgewater.

The Dental Department of the University is established at Boston, in order to secure in connection with the Medical Department those advantages for Clinical Instruction which are found only in large cities.

Instruction in this School is given throughout the academic year, and is divided into two equal terms. The first or *Winter Term* commences on the Thursday following the last Wednesday in September, and continues nineteen weeks. After a recess of one week, the *Spring Term* commences, and continues till the last Wednesday in June. There is also a recess of one week at Christmas. Attendance upon the *Winter Terms* only is required for graduation.

The Spring Terms are designed as an equivalent, entirely or in part, to pupilage with private preceptors, and afford better and more comprehensive instruction than can possibly be obtained in a private office. Operative and Mechanical Dentistry are taught daily by practical work in the Infirmary and Laboratory. Anatomy, Physiology, Chemistry, and Surgery are taught as fully as during the Winter Term. Practical Anatomy is taught in the Dissecting-Room till May.

It is the object of the Faculty to present a complete course of instruction in the theory and practice of dentistry; and, for this purpose, a well appointed laboratory and infirmary are provided, and such arrangements made as insure an ample supply of patients. Clinical instruction is given by the professors; and, under the direction of Demonstrators, patients are assigned to the students, insuring to all opportunity of operating at the chair, and becoming by actual practice familiar with all the operations demanded of the dentist.

The Infirmary, which is a department of the Massachusetts General Hospital, remains open, and the Demonstrator is in attendance, daily, throughout the year, offering to students unsurpassed facilities for acquiring practical knowledge and manipulative dexterity. Upwards of eight thousand operations have been performed upon seventy-two hundred patients the past year.

Graduates of other dental schools, or practitioners of dentistry or of general medicine, may, if they wish, take a special course in any of the various departments taught, by matriculating and purchasing a ticket for the desired course.

Students have access to the hospitals of the city; to the dissecting room, library, and museum of the Medical College; and also, *without additional charge, to the instruction given in any other department of the University, with the exception of exercises carried on in the special laboratories.*

COURSE OF INSTRUCTION.

The following are the methods of study adopted in the various departments:—

Anatomy.—Lectures, largely illustrated by the anatomical preparations and models of the Warren Museum, and by an extensive series of colored drawings and diagrams; various practical exercises, including abundant dissection under the direction of the Demonstrator; recitations from text-books; histology.

Physiology.—Lectures, recitations, and practical demonstrations in the laboratory. A new physiological laboratory has been fitted up, which is under the supervision of an able teacher, who devotes his whole time to this department.

Chemistry is taught mainly by practical work in the laboratory, each student having his own desk and apparatus. Besides the laboratory work, there is a lecture and a recitation every week.

Surgery.—Lectures and recitations. The surgical lectures are illustrated by a magnificent collection of colored drawings, and by recent and morbid specimens. All the new and approved surgical instruments and apparatus are exhibited, and their use explained. In addition to operations on the living subject at the hospitals, operative surgery is taught, and operations are performed upon the dead body, as a part of the illustrations of the surgical lectures. A course of lectures in Oral Surgery will be given during the winter.

Instruction in clinical surgery is given at the Massachusetts General Hospital and City Hospital every week.

Operative Dentistry.—The instruction in this department is both didactic and practical. The professor and assistants endeavor to demonstrate all known methods of performing operations upon the teeth and other tissues involved.

The treatment of irregularities, origin and treatment of decay, materials used for filling teeth, the most improved instruments used in operating, &c., are appropriately treated of. Clinics are held at the Infirmary, and every available means used to make the student practically acquainted with all the modern improvements of this important branch of dental science.

Dental Pathology.—The instruction from this chair will include the origin and development of the dental and adjacent tissues, and their various pathological conditions. A course of lectures on some special subjects relating to dental pathology and therapeutics is delivered during the winter by the Lecturer in this department. The Lectures are illustrated, not only by the aid of the collection of pathological specimens belonging to the School, but also by models and diagrams.

Instruction is also given in microscopy as applied to dental histology; a valuable collection of microscopical objects being used to illustrate the formation and structure of the dental tissues.

Dental Therapeutics.—The instruction from this chair embraces the application of the general principles of medicine to the specialty of dentistry, with a consideration of sensitive dentine, caries, pulpitis, periodontitis, alveolar abscess, gingivitis, necrosis, and other diseased conditions of the dental and contiguous tissues, with reference to their treatment, and the therapeutical agents used therefor.

Mechanical Dentistry.—Lectures and practical work in the laboratory; the manner in which mineral teeth are constructed to meet all cases, both special and general; the principles and method of carving and furnace-work, and all compounds used for artificial teeth; also metallurgy, and

the manner in which gold and silver plates are prepared and adapted to the mouth; the use of rubber and other articles as bases. It is the aim of the professor to teach not only the mere mechanical processes of dentistry, but that combination of art with mechanism which enables the practitioner to effect so much in restoring the symmetry of the face, and usefulness of the teeth, where they have been lost or impaired by accident or disease.

LIBRARIES.

The Library at the Medical College is open to the student on the deposit of five dollars, to be refunded to him upon returning all books.

The College Library, at Cambridge, is open to students.

The Boston Public Library is also open to all students.

QUALIFICATIONS FOR GRADUATION.

The degree of Doctor of Dental Medicine (*Dentariæ Medicinæ Doctor*) may be conferred upon each candidate of adult age, and of good moral character, who shall have pursued his professional studies three years under competent instructors, and attended two full courses in this institution; except that a certificate of attendance upon one course of lectures in any respectable Dental or Medical College may be considered a substitute for the first course; provided such candidate maintain a thesis, and undergo an examination to the satisfaction of the Faculty, and convince the professors of Operative and Mechanical Dentistry of his ability to meet satisfactorily the requirements of his art.

He must also deposit with the Dean, to be placed in the Museum of the College, a specimen of mechanical dentistry, or of practical or pathological anatomy, prepared during the course under the eye of the instructor.

Graduates of other Dental Schools who desire to obtain the Dental Degree of this University will be admitted to examination after attendance upon one Winter Course of instruction.

TEXT-BOOKS.

Gray's, Wilson's, or Quain's Anatomy.	Wedl's Pathology of the Teeth.
Dalton's or Marshall's Physiology.	Tomes' Dental Surgery.
Roscoe's or Fowne's Chemistry.	Garretson's Oral Surgery.
Druitt's Surgeon's Vade Mecum.	Heath on the Jaws.
Taft's Operative Dentistry.	Dunglison's Medical Dictionary.
Richardson's Mechanical Dentistry.	

FEES.

Matriculation Fee, paid but once	\$5.00
Summer Session	50.00
Winter Session	110.00
For the year, one payment	150.00

For further information, address

THOS. H. CHANDLER, D.M.D., *Dean,*
222 Tremont Street, Boston, Mass.

DAILY ORDER OF EXERCISES, WINTER TERM, 1874-75.

Hour.	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.
9	Mechanical Dentistry. L.	Dental Pathology. L.	Dental Lab.	Dental Lab.	Dental Lab.	Dental Lab.
10	Dental Lab.				Chemistry. R.	Physiology. R.
10½				Every other week Dent. Ther.		
11	Physiology. L.	Physiology. L.	Surgery. L.		Physiology. L.	Operations. M. G. H.
12		Chemistry. L.				
1	Anat. Lec. last 11 w'ks.	Anatomy. Lec.	Anat. R. 1st 8 weeks. Lec. last 11 weeks.	Anatomy. Lec.	Anatomy. R.	
2	Infirmary.	Infirmary.	Infirmary.	Infirmary.	Infirmary.	
4	Op. Dent. L. or Clinic.	Op. Dent. L. or Clinic.	Op. Dent. L. or Clinic.	Op. Dent. L. or Clinic.	Op. Dent. L. or Clinic.	

The Demonstrator of Anatomy will be present in the Dissecting Room every afternoon.

Chemistry daily in Chemical Laboratory.

The Demonstrator in charge will be present in the Laboratory every forenoon, and in the Infirmary every afternoon.

On the recommendation of the Faculty of the Dental School the following scheme of instruction has been prescribed by the Corporation of Harvard University:

COURSE OF INSTRUCTION.

From and after September 28, 1876, instruction will be given in the Harvard Dental School by lectures, recitations, clinical teaching and practical exercises, uniformly distributed throughout the academic year, and the distinction of winter and summer sessions will thereafter be abolished. The year will begin on the Thursday following the last Wednesday in September, and end on the last Wednesday in June. It will be divided into equal terms, with a recess of one week between them. There will also be a recess of one week at Christmas. The course of instruction will be progressive, extending over two years.

EXAMINATIONS.

The regular examinations will be held in the following order, viz.: At the end of the first year, anatomy, including dissection, physiology and general chemistry. A certificate from the demonstrator of anatomy will be required of each student, that he has satisfactorily dissected the three parts of the body.

At the end of the second year, dental pathology, including a knowledge of gestation and diseases of woman so far as they affect the mouth and throat, dental materia medica and therapeutics, oral surgery and surgical pathology, operative and mechanical dentistry. The examinations in operative and mechanical dentistry will include actual operations and the preparation of specimens of mechanical dentistry.

REQUISITIONS FOR THE DEGREE.

Every candidate must be twenty-one years of age, and of good moral character; he must give evidence of having studied medicine or dentistry three full years; he must have spent at least one continuous year at this school, have presented a satisfactory thesis and have passed all the required examinations.

Students may be admitted to advanced standing upon passing a satisfactory examination in a majority of the studies already pursued by the class; but no student shall advance with his class or be admitted to advanced standing until he has passed such examination.

The work in the operative and mechanical infirmaries will go on throughout the course, but no student shall be permitted to operate at the chair until he has by observation and practice on extracted teeth satisfied the Professor of his fitness.

The faculty recommend young men who propose to take the degree to spend the whole of the required term of three years of study in the school. But those who wish to spend but two of the three years in the school are earnestly advised to pass their first year of study, before entering, under the direction of a *competent* private instructor.

FEES.

There shall be no fees for matriculation, for the diploma, nor for the demonstrators. For the first year a student is a member of the school, the fee shall be \$200; for the second year, \$150; for any subsequent year, \$50. Students may enter under either the old or the new plan, at their option, in September, 1875, but no degree will be given under the old plan after February, 1877.

